

Amendments to the Claims:

The following is a complete set of claims, replacing all prior versions or sets of claims in the application:

Claims 1-54 (canceled)

1 Claim 55 (new): A dip-molded article of a rubber that is substantially pore-free, formed by
2 a process comprising:
3 (a) dipping a forming member in a latex comprising
4 (i) a rubber-forming substance and
5 (ii) a vulcanizing agent,
6 said forming member having an outer surface with a contour complementary to that of
7 said article;
8 (b) withdrawing said forming member from said latex in such a manner as to
9 leave a film of said latex over said outer surface;
10 (c) immersing said forming member with said latex thereon in a chemically inert
11 liquid bath at a temperature and for a period of time sufficient to cause vulcanization of
12 said rubber-forming substance by said vulcanizing agent; and
13 (d) withdrawing said forming member from said latex and separating said
14 substantially pore-free article of rubber from said forming member.

1 Claim 56 (new): A dip-molded article in accordance with claim 55 in which said liquid bath
2 of step (c) is a member selected from the group consisting of molten inorganic salts, oils, glycols,
3 liquified metals, and brine solutions.

1 Claim 57 (new): A dip-molded article in accordance with claim 55 in which said liquid bath
2 of step (c) is a member selected from the group consisting of molten inorganic salts, silicone oils,
3 and glycols.

- 1 Claim 58 (new): A dip-molded article in accordance with claim 55 in which said liquid bath
2 of step (c) is a member selected from the group consisting of molten inorganic salts and mixtures
3 thereof.

- 1 Claim 59 (new): A dip-molded article in accordance with claim 58 in which said molten
2 inorganic salts are members selected from the group consisting of nitrates, nitrites, carbonates,
3 sulfates, phosphates, and halides of potassium, sodium and lithium.

- 1 Claim 60 (new): A dip-molded article in accordance with claim 55 in which said
2 temperature of step (c) is from about 100°C to about 350°C.

- 1 Claim 61 (new): A dip-molded article in accordance with claim 55 in which said
2 vulcanizing agent is a member selected from the group consisting of organic peroxides, sulfur-
3 containing compounds, selenium-containing compounds, and tellurium-containing compounds.

- 1 Claim 62 (new): A dip-molded article in accordance with claim 55 in which said
2 vulcanizing agent is a member selected from the group consisting of diacyl peroxides,
3 peroxyketals, dialkyl peroxides, mercaptothiazoles, thiuram sulfides, thiuram disulfides,
4 guanidines, zinc dialkyl dithiocarbamates, selecium dialkyl dithiocarbamates, sodium
5 diethyldithiocarbamate, potassium diethyldithiocarbamate, alkyl phenol sulfides, sulfur-
6 containing polymers, and benzothiazyl disulfide.

- 1 Claim 63 (new): A dip-molded article in accordance with claim 55 in which said
2 vulcanizing agent is an organic peroxide.

- 1 Claim 64 (new): A dip-molded article in accordance with claim 55 in which said
2 vulcanizing agent is dicumyl peroxide.

- 1 Claim 65 (new): A dip-molded article in accordance with claim 55 in which said rubber-
2 forming substance of step (a) is not vulcanized prior to step (a).

1 Claim 66 (new): A dip-molded article in accordance with claim 55 in which said rubber-
2 forming substance is partially vulcanized prior to step (a).

1 Claim 67 (new): A dip-molded article in accordance with claim 66 in which said rubber-
2 forming substance is partially vulcanized prior to step (a) by high energy irradiation.